



```

PCT-US02-04812-12
RESULT 2
; Sequence 12, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
PCT-US02-04812-12

Query Match      100.0%; Score 250; DB 1; Length 48;
Best Local Similarity 100.0%; Pred. No. 6.4e-21;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RVRRVRRRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRV 48
        |||
Db      1 RVRRVRRRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRV 48

RESULT 3
US-09-785-058-12
; Sequence 12, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-09-785-058-12

Query Match      100.0%; Score 250; DB 21; Length 48;
Best Local Similarity 100.0%; Pred. No. 6.4e-21;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 RVRRVRRRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRV 48
        |||
Db      1 RVRRVRRRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRV 48

RESULT 4
US-09-785-059-12
; Sequence 12, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Mietzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT

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; ORGANISM: Artificial sequence
FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-09-785-059-12

Query Match          100.0%; Score 250; DB 21; Length 48;
Best Local Similarity 100.0%; Pred. No. 6,4e-21;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      1 RVAVRVRRVRRVRVVRRVRRVRVRVRVRVRVRVRVRVRVRVV 48
      1 RRVVRRVRRVRRVRVVRRVRRVRRVRRVRRVRRVRRVRRR 48


RESULT 5
US-10-079-075-12
; Sequence 12, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Metzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: artificial peptides derived from HIV-1
US-10-079-075-12

Query Match          100.0%; Score 250; DB 24; Length 48;
Best Local Similarity 100.0%; Pred. No. 6,4e-21;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      1 RVAVRVRRVRRVRVVRRVRRVRVRVRVRVRVRVRVRVRVRVV 48
      1 RRVVRRVRRVRRVRVVRRVRRVRRVRRVRRVRRVRRVRRR 48


RESULT 6
PCT-US02-04432-11
; Sequence 11, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; APPLICANT: Timothy A. Metzner
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04432
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-11

Query Match          70.4%; Score 176; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 1,1e-12;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 45
      1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 33


RESULT 7
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PCT-US02-04812-11
; Sequence 11, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-11

Query Match
70.4%; Score 176; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 1.1e-12;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 45
| | | | | | | | | | | | | | | | | |
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 33

RESULT 8
US-09-785-058-11
; Sequence 11, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-11

Query Match
70.4%; Score 176; DB 21; Length 36;
Best Local Similarity 100.0%; Pred. No. 1.1e-12;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 45
| | | | | | | | | | | | | | | | | |
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 33

RESULT 9
US-09-785-059-11
; Sequence 11, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial sequence
```

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; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-11

Query Match
70.4%; Score 176; DB 21; Length 36;
Best Local Similarity 100.0%; Pred. No. 1.1e-12;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 45
| | | | | | | | | | | | | | | | | |
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 33

RESULT 10
US-10-079-075-11
; Sequence 11, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-11

Query Match
70.4%; Score 176; DB 24; Length 36;
Best Local Similarity 100.0%; Pred. No. 1.1e-12;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 45
| | | | | | | | | | | | | | | | | |
Db 1 VRRVRRVRRVRRVRRVRRVRRVRRVRRVRRW 33

RESULT 11
PCT-US02-04432-8
; Sequence 8, Application PC/TUS0204432
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-8

Query Match
68.0%; Score 170; DB 1; Length 48;
Best Local Similarity 90.9%; Pred. No. 6.7e-12;
Matches 40; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 RVVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44
| | | | | | | | | | | | | | | | | |
Db 1 RVVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44

RESULT 12
PCT-US02-04812-8
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; Sequence 8, Application PC/TUS0204812
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-PCT / 072396.0223
; CURRENT APPLICATION NUMBER: PCT/US02/04812
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04812-8

Query Match      68.0%; Score 170; DB 1; Length 48;
Best Local Similarity 90.9%; Pred. No. 6.7e-12;
Matches 40; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44
Db 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44

RESULT 13
US-09-785-058-8
; Sequence 8, Application US/09785058
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A 34001 / 072396.0222
; CURRENT APPLICATION NUMBER: US/09/785,058
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-058-8

Query Match      68.0%; Score 170; DB 21; Length 48;
Best Local Similarity 90.9%; Pred. No. 6.7e-12;
Matches 40; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44
Db 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44

RESULT 14
US-09-785-059-8
; Sequence 8, Application US/09785059
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A33577 / 072396.0217
; CURRENT APPLICATION NUMBER: US/09/785,059
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
```

```
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-09-785-059-8

Query Match      68.0%; Score 170; DB 21; Length 48;
Best Local Similarity 90.9%; Pred. No. 6.7e-12;
Matches 40; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44
Db 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44

RESULT 15
US-10-079-075-8
; Sequence 8, Application US/10079075
; GENERAL INFORMATION:
; APPLICANT: Ronald C. Montelaro
; TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
; FILE REFERENCE: A34001-A / 072396.0222
; CURRENT APPLICATION NUMBER: US/10/079,075
; CURRENT FILING DATE: 2002-02-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 48
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-8

Query Match      68.0%; Score 170; DB 24; Length 48;
Best Local Similarity 90.9%; Pred. No. 6.7e-12;
Matches 40; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44
Db 1 RVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRRVRR 44
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Search completed: June 9, 2003, 13:07:22  
Job time : 236.064 secs